

Global Carrier Screening Market Size Study, by Type (Expanded Carrier Screening, Targeted Disease Carrier Screening), by Technology (DNA Sequencing, Polymerase Chain Reaction, Microarrays, Others), by End User (Hospitals and Clinics, Reference Laboratories, Physician Offices, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G2FAE43667E2EN.html>

Date: August 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G2FAE43667E2EN

Abstracts

The global carrier screening market size was valued at approximately USD 2.46 billion in 2023 and is projected to reach USD 6.5 billion by 2032, growing at a compound annual growth rate (CAGR) of 13.8% from 2024 to 2032. Carrier screening, a genetic test used to identify if an individual carries a gene for specific genetic disorders, is pivotal in determining the risk of having a child with a genetic disorder when performed before or during pregnancy. The testing process involves analysing a sample of blood, saliva, or tissue from the inside of the cheek. Results indicate either a negative status (non-carrier) or a positive status (carrier), typically starting with the partner most likely to be a carrier.

The market growth is driven by increasing awareness about genetic disorders and the benefits of early detection through carrier screening. This growing awareness, coupled with an emphasis on family planning and preventative healthcare, is fuelling demand. Carrier screening empowers individuals and couples to understand their genetic predisposition to hereditary conditions, thereby facilitating informed reproductive decisions. Also, Technological advancements in genetic testing, including next-generation sequencing (NGS) and expanded carrier screening panels, have significantly enhanced the accuracy, comprehensiveness, and cost-effectiveness of these tests. These advancements enable the detection of a broader range of genetic mutations and improve accessibility, further encouraging the uptake of carrier screening. Moreover,

supportive government policies and initiatives play a crucial role in promoting the adoption of genetic screening. Many governments are integrating genetic screening into public health programs, which not only boosts market penetration but also creates a favorable regulatory environment for market growth.

Emerging markets present significant growth opportunities due to expanding healthcare infrastructure and increasing healthcare expenditure. As awareness and affordability of genetic testing rise in these regions, the demand for carrier screening services is expected to grow, offering lucrative opportunities for market players. Additionally, the integration of carrier screening with personalized medicine approaches offers substantial growth potential by providing valuable genetic information that supports individualized healthcare strategies.

However, the market faces challenges related to ethical and privacy concerns. Issues surrounding data security, potential discrimination, and the ethical implications of genetic information can deter individuals from undergoing testing and create regulatory hurdles, potentially hindering market growth.

North America was the dominant region in the carrier screening market and is expected to maintain its dominance throughout the forecast period. This is attributed to the high prevalence rate of genetic diseases like cystic fibrosis, an increase in the number of market players, and a surge in the availability of tests in the region. Conversely, Asia-Pacific is expected to witness the highest CAGR during the analysis period, driven by the high population in countries such as India and China, which increases the likelihood of genetic conditions, and the increasing number of strategies and trends adopted by market players. The enhanced infrastructure of healthcare facilities, well-designed reimbursement policies, and improving economic factors in Asia-Pacific are expected to positively impact the market growth. Additionally, increasing initiatives by non-profit organizations in the region are anticipated to further boost the market.

Major market players included in this report are:

Natera Inc.

Eurofins Scientific

InVitae Corporation

Illumina Inc.

Myriad Genetics, Inc.

Thermo Fisher Scientific Inc.

Fulgent Genetics Inc.

Quest Diagnostics Inc.

Diasorin S.p.A.

Opko Health Inc.

The detailed segments and sub-segments of the market are explained below:

By Type:

- Expanded Carrier Screening
- Targeted Disease Carrier Screening

By Technology:

- DNA Sequencing
- Polymerase Chain Reaction
- Microarrays
- Others

By End User:

- Hospitals and Clinics
- Reference Laboratories
- Physician Offices
- Others

By Region:

- North America
- U.S.
- Canada
- Europe
- UK
- Germany
- France
- Spain
- Italy
- ROE
- Asia Pacific
- China
- India
- Japan
- Australia
- South Korea
- RoAPAC
- Latin America
- Brazil
- Mexico
- RoLA
- Middle East & Africa
- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market

Contents

CHAPTER 1. GLOBAL CARRIER SCREENING MARKET EXECUTIVE SUMMARY

- 1.1. Global Carrier Screening Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.2. By Technology
 - 1.3.3. By End User
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL CARRIER SCREENING MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL CARRIER SCREENING MARKET DYNAMICS

3.1. Market Drivers

3.1.1. Rising Awareness and Demand for Genetic Testing

3.1.2. Technological Advancements

3.2. Market Challenges

3.2.1. Ethical and Privacy Concerns

3.3. Market Opportunities

3.3.1. Emerging Markets

3.3.2. Integration with Personalized Medicine

CHAPTER 4. GLOBAL CARRIER SCREENING MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model

4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.2.5. Environmental

4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL CARRIER SCREENING MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global Carrier Screening Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

5.2.1. Expanded Carrier Screening

5.2.2. Targeted Disease Carrier Screening

CHAPTER 6. GLOBAL CARRIER SCREENING MARKET SIZE & FORECASTS BY TECHNOLOGY 2022-2032

6.1. Segment Dashboard

6.2. Global Carrier Screening Market: Technology Revenue Trend Analysis, 2022 & 2032 (USD Billion)

6.2.1. DNA Sequencing

6.2.2. Polymerase Chain Reaction

6.2.3. Microarrays

6.2.4. Others

CHAPTER 7. GLOBAL CARRIER SCREENING MARKET SIZE & FORECASTS BY END USER 2022-2032

7.1. Segment Dashboard

7.2. Global Carrier Screening Market: End User Revenue Trend Analysis, 2022 & 2032 (USD Billion)

7.2.1. Hospitals and Clinics

7.2.2. Reference Laboratories

7.2.3. Physician Offices

7.2.4. Others

CHAPTER 8. GLOBAL CARRIER SCREENING MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Carrier Screening Market

8.1.1. U.S. Carrier Screening Market

8.1.1.1. Type breakdown size & forecasts, 2022-2032

8.1.1.2. Technology breakdown size & forecasts, 2022-2032

8.1.1.3. End User breakdown size & forecasts, 2022-2032

8.1.2. Canada Carrier Screening Market

8.2. Europe Carrier Screening Market

8.2.1. U.K. Carrier Screening Market

8.2.2. Germany Carrier Screening Market

8.2.3. France Carrier Screening Market

8.2.4. Spain Carrier Screening Market

8.2.5. Italy Carrier Screening Market

- 8.2.6. Rest of Europe Carrier Screening Market
- 8.3. Asia-Pacific Carrier Screening Market
 - 8.3.1. China Carrier Screening Market
 - 8.3.2. India Carrier Screening Market
 - 8.3.3. Japan Carrier Screening Market
 - 8.3.4. Australia Carrier Screening Market
 - 8.3.5. South Korea Carrier Screening Market
 - 8.3.6. Rest of Asia Pacific Carrier Screening Market
- 8.4. Latin America Carrier Screening Market
 - 8.4.1. Brazil Carrier Screening Market
 - 8.4.2. Mexico Carrier Screening Market
 - 8.4.3. Rest of Latin America Carrier Screening Market
- 8.5. Middle East & Africa Carrier Screening Market
 - 8.5.1. Saudi Arabia Carrier Screening Market
 - 8.5.2. South Africa Carrier Screening Market
 - 8.5.3. Rest of Middle East & Africa Carrier Screening Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Natera Inc.
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Eurofins Scientific
 - 9.3.3. InVita Corporation
 - 9.3.4. Illumina Inc.
 - 9.3.5. Myriad Genetics, Inc.
 - 9.3.6. Thermo Fisher Scientific Inc.
 - 9.3.7. Fulgent Genetics Inc.
 - 9.3.8. Quest Diagnostics Inc.
 - 9.3.9. Diasorin S.p.A.

9.3.10. Opko Health Inc.

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Carrier Screening market, report scope

TABLE 2. Global Carrier Screening market estimates & forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Carrier Screening market estimates & forecasts by Type 2022-2032 (USD Billion)

TABLE 4. Global Carrier Screening market estimates & forecasts by Technology 2022-2032 (USD Billion)

TABLE 5. Global Carrier Screening market estimates & forecasts by End User 2022-2032 (USD Billion)

TABLE 6. Global Carrier Screening market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Carrier Screening market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Carrier Screening market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Carrier Screening market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Carrier Screening market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Carrier Screening market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Carrier Screening market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Carrier Screening market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Carrier Screening market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. Carrier Screening market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Carrier Screening market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 17. U.S. Carrier Screening market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 18. Canada Carrier Screening market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Carrier Screening market estimates & forecasts by segment
2022-2032 (USD Billion)

TABLE 20. Canada Carrier Screening market estimates & forecasts by segment
2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Carrier Screening market, research methodology
- FIG 2. Global Carrier Screening market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Carrier Screening market, key trends 2023
- FIG 5. Global Carrier Screening market, growth prospects 2022-2032
- FIG 6. Global Carrier Screening market, porters 5 force model
- FIG 7. Global Carrier Screening market, PESTEL analysis
- FIG 8. Global Carrier Screening market, value chain analysis
- FIG 9. Global Carrier Screening market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Carrier Screening market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Carrier Screening market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Carrier Screening market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Carrier Screening market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Carrier Screening market, regional snapshot 2022 & 2032
- FIG 15. North America Carrier Screening market 2022 & 2032 (USD Billion)
- FIG 16. Europe Carrier Screening market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Carrier Screening market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Carrier Screening market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Carrier Screening market 2022 & 2032 (USD Billion)
- FIG 20. Global Carrier Screening market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Carrier Screening Market Size Study, by Type (Expanded Carrier Screening, Targeted Disease Carrier Screening), by Technology (DNA Sequencing, Polymerase Chain Reaction, Microarrays, Others), by End User (Hospitals and Clinics, Reference Laboratories, Physician Offices, Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G2FAE43667E2EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2FAE43667E2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970